

Dr. Duke's Phytochemical and Ethnobotanical Database

Chemicals Found in *Aloysia citrodora*

| Activity Count | Chemical | Plant Part | Low PPM | High PPM | StdDev | Reference Citation |
|----------------|------------------------|------------|---------|----------|----------------------|--|
| 67 | 1,8-CINEOLE | Plant | 28 | 420 | -0.44377263456589705 | |
| 2 | 3-OCTANOL | Plant | 1 | 7 | -0.6384931845336519 | Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980. |
| 16 | ACETIC-ACID | Plant | -- | -- | | Guenther, E., The Essential Oils, 6 volumes, D. van Nostrand, New York, 1948-1952. |
| 3 | ALPHA-CADINOL | Plant | 2 | 14 | -0.7144933419706144 | Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980. |
| 3 | ALPHA-CEDRENE | Plant | -- | -- | | Guenther, E., The Essential Oils, 6 volumes, D. van Nostrand, New York, 1948-1952. |
| 2 | ALPHA-CITRAL | Plant | -- | -- | | Guenther, E., The Essential Oils, 6 volumes, D. van Nostrand, New York, 1948-1952. |
| 28 | ALPHA-PINENE | Plant | 1 | 7 | -0.4765216242332876 | Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980. |
| 13 | ALPHA-TERPINENE | Plant | -- | -- | | Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980. |
| 101 | APIGENIN | Plant | -- | -- | | |
| 2 | APIGENIN-7-O-GLUCOSIDE | Plant | -- | -- | | |
| 3 | AR-CURCUMENE | Plant | 30 | 315 | 1.9911907027073665 | Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980. |
| 2 | BETA-CITRAL | Plant | -- | -- | | Guenther, E., The Essential Oils, 6 volumes, D. van Nostrand, New York, 1948-1952. |

| Activity Count | Chemical | Plant Part | Low PPM | High PPM | StdDev | Reference Citation |
|----------------|-----------------------|------------|---------|----------|----------------------|--|
| 13 | BETA-IONONE | Plant | 2 | 14 | 1.3846219390542787 | Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980. |
| 13 | BETA-PINENE | Plant | 5 | 35 | -0.3976959112602827 | Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980. |
| 35 | BORNEOL | Plant | -- | -- | | Guenther, E., The Essential Oils, 6 volumes, D. van Nostrand, New York, 1948-1952. |
| 9 | CAMPHENE | Plant | -- | -- | | Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980. |
| 31 | CARYOPHYLLENE | Plant | 30 | 266 | -0.22395459569098666 | Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980. |
| 6 | CARYOPHYLLENE-EPOXIDE | Plant | -- | -- | | |
| 8 | CARYOPHYLLENE-OXIDE | Plant | 20 | 140 | -0.15146472508588207 | Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980. |
| 3 | CEDROL | Plant | 1 | 7 | | Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980. |
| 7 | CHRYSOERIOL | Plant | -- | -- | | |
| 3 | CIRSILIOLE | Plant | -- | -- | | |
| 3 | CIS-OCIMENE | Plant | 1 | 4 | -0.49169086538218515 | Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980. |
| 53 | CITRAL | Plant | 180 | 1820 | -0.4767698048882568 | |
| 20 | CITRONELLAL | Plant | -- | -- | | Newall, C. A., Anderson, L. A. and Phillipson, J. D. 1996. Herbal Medicine - A Guide for Health-care Professionals. The Pharmaceutical Press, London. 296pp. |
| 15 | CITRONELLOL | Plant | 10 | 70 | -0.5780816771674644 | Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980. |

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|----------------|---------------------|------------|---------|----------|----------------------|--|
| 2 | CITRONELLYL-ACETATE | Plant | 2 | 14 | -0.731161661721156 | Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980. |
| 1 | COPAENE | Plant | 3 | 21 | -0.5116673832359215 | Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980. |
| 9 | DELTA-CADINENE | Plant | 5 | 35 | -0.315721967751598 | Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980. |
| 13 | DIOSMETIN | Plant | -- | -- | | |
| 7 | DIPENTENE | Plant | 110 | 770 | -0.2825016103358355 | |
| 76 | EUGENOL | Plant | -- | -- | | Newall, C. A., Anderson, L. A. and Phillipson, J. D. 1996. Herbal Medicine - A Guide for Health-care Professionals. The Pharmaceutical Press, London. 296pp. |
| 8 | EUPATORIN | Plant | -- | -- | | |
| 17 | FARNESOL | Plant | 1 | 7 | -0.5305639832859745 | Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980. |
| 6 | FURFURAL | Plant | -- | -- | | Guenther, E., The Essential Oils, 6 volumes, D. van Nostrand, New York, 1948-1952. |
| 10 | GENIPOSIDIC-ACID | Plant | -- | -- | | |
| 13 | GERANIAL | Plant | 150 | 1820 | 0.35362075880180355 | Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980. |
| 35 | GERANIOL | Plant | 5 | 420 | -0.37748772897210603 | |
| 5 | GERANYL-ACETATE | Plant | 15 | 126 | -0.41568420886904717 | Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980. |
| 2 | GERMACRENE-D | Plant | 18 | 126 | -0.3153752158273603 | Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980. |

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|----------------|------------------|------------|---------|----------|----------------------|--|
| 7 | HISPIDULIN | Plant | -- | -- | | |
| 1 | IRIDOIDS | Plant | -- | -- | | |
| 1 | ISOCARYOPHYLLENE | Plant | -- | -- | | Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980. |
| 3 | ISOPULEGOL | Plant | 1 | 7 | -0.7165345445668047 | Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980. |
| 5 | ISOVALERIC-ACID | Plant | -- | -- | | Guenther, E., The Essential Oils, 6 volumes, D. van Nostrand, New York, 1948-1952. |
| 6 | L-CARVONE | Plant | -- | -- | | Guenther, E., The Essential Oils, 6 volumes, D. van Nostrand, New York, 1948-1952. |
| 2 | L-LIMONENE | Plant | 110 | 770 | 0.026075309947884148 | |
| 60 | LIMONENE | Plant | 42 | 1050 | 0.1595124364467663 | |
| 53 | LINALOOL | Plant | 5 | 35 | -0.6595829361063191 | Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980. |
| 15 | LUTEIN | Plant | -- | -- | | |
| 78 | LUTEOLIN | Plant | -- | -- | | Newall, C. A., Anderson, L. A. and Phillipson, J. D. 1996. Herbal Medicine - A Guide for Health-care Professionals. The Pharmaceutical Press, London. 296pp. |
| 22 | MYRCENE | Plant | 1 | 7 | -0.4684120689874457 | Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980. |
| 4 | NERAL | Plant | 120 | 840 | 0.008086064007136419 | |
| 10 | NEROL | Plant | 52 | 364 | -0.20710755808907458 | |
| 11 | NEROLIDOL | Plant | 13 | 140 | 1.8771192057127104 | Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980. |

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|----------------|------------------|------------|---------|----------|----------------------|--|
| 5 | NERYL-ACETATE | Plant | 40 | 280 | -0.12657876189073342 | Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980. |
| 16 | P-CYMENE | Plant | 1 | 7 | -0.4184328840402544 | Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980. |
| 2 | PECTOLINARIGENIN | Plant | -- | -- | | Newall, C. A., Anderson, L. A. and Phillipson, J. D. 1996. Herbal Medicine - A Guide for Health-care Professionals. The Pharmaceutical Press, London. 296pp. |
| 5 | SABINENE | Plant | -- | -- | | Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980. |
| 35 | TANNIN | Plant | -- | -- | | Williamson, E. M. and Evans, F. J., Potter's New Cyclopaedia of Botanical Drugs and Preparations, Revised Ed., Saffron Walden, the C. W. Daniel Co., Ltd., Essex UK, 362 pp, 1988, reprint 1989. |
| 23 | TERPINEN-4-OL | Plant | 3 | 21 | -0.272339846599895 | Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980. |
| 9 | TERPINOLENE | Plant | -- | -- | | Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980. |
| 2 | THUJOPSENE | Plant | 2 | 14 | | Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980. |
| 5 | VERBENONE | Plant | -- | -- | | Guenther, E., The Essential Oils, 6 volumes, D. van Nostrand, New York, 1948-1952. |